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APPENDIX
THE REJECTED CLAIMS

TC 1700

1. A polyurethane foam that contains an effective amount for flame retardancy of a flame retardant blend consisting essentially of: (a) a non-oligomeric, non-halogenated, alkyl group-containing phosphate ester flame retardant; and (b) an oligomeric, non-halogenated organophosphorus flame retardant having a phosphorus content of no less than 10%, by weight, and at least three phosphorus atom-containing units therein.

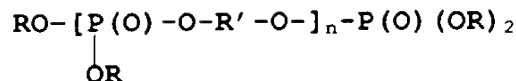
2. A foam as claimed in Claim 1 wherein flame retardant (a) in the blend is a non-halogenated phosphate ester containing alkyl groups.

3. A foam as claimed in Claim 1 wherein flame retardant (a) in the blend is either propylated or butylated triphenyl phosphate.

5. A foam as claimed in Claim 2 wherein flame retardant (a) in the blend is present at from about 25% to about 95%, by weight of the blend.

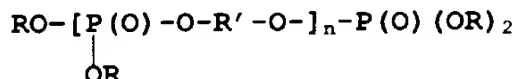
6. A foam as claimed in Claim 3 wherein flame retardant (a) in the blend is present at from about 25% to about 95%, by weight of the blend.

7. A foam as claimed in any of Claims 1-3 or 5-6 wherein the oligomeric organophosphorus flame retardant is an oligomeric organophosphate flame retardant in the blend of the formula:



where n, on a number average basis, ranges from 2 to 20, and R is selected from the group consisting of alkyl and hydroxyalkyl, and R' is alkylene.

8. A foam as claimed in any of Claims 1-3 or 5-6 wherein the oligomeric organophosphorus flame retardant is an oligomeric organophosphate flame retardant in the blend of the formula:



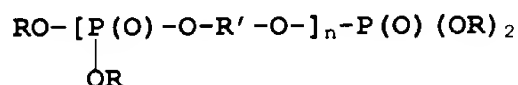
where n, on a number average basis, ranges from 2 to 20, and R and R' are ethyl and ethylene, respectively.

9. A polyurethane foam that contains an effective amount for flame retardancy of a flame retardant blend consisting essentially of: (a) from about 40% to about 70%, by weight of the blend, of a non-oligomeric, non-halogenated phosphate ester flame retardant; and (b) from about 30% to about 60%, by weight of the blend, of an oligomeric, non-halogenated organophosphorus flame retardant having a phosphorus content of no less than 10%, by weight, and at least three phosphorus atom-containing units therein.

10. A foam as claimed in Claim 9 wherein flame retardant (a) in the blend is a non-halogenated phosphate ester containing alkyl groups.

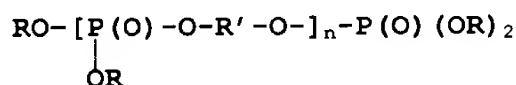
11. A foam as claimed in Claim 9 wherein flame retardant (a) in the blend is a non-halogenated phosphate ester containing aryl groups.

13. A foam as claimed in any of Claims 9-11 wherein the oligomeric organophosphorus flame retardant is an oligomeric organophosphate flame retardant in the blend of the formula:



where n, on a number average basis, ranges from 2 to 20, and R is selected from the group consisting of alkyl and hydroxyalkyl, and R' is alkylene.

14. A foam as claimed in any of Claims 9-11 wherein the oligomeric organophosphorus flame retardant is an oligomeric organophosphate flame retardant in the blend of the formula:



where n, on a number average basis, ranges from 2 to 20, and R and R' are ethyl and ethylene, respectively.